

## EAST Search History

| Ref # | Hits  | Search Query                 | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|------------------------------|---|------------------|---------|------------------|
| L16   | 2     | (flux adj extender).clm.     | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/15 16:27 |
| L17   | 311   | (flux adj concentrator).clm. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/15 16:26 |
| L18   | 53848 | (poles).clm.                 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/15 16:26 |
| L19   | 70786 | (overlap underlap).clm.      | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/15 16:27 |
| L20   | 90964 | (conform\$5).clm.            | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/15 16:27 |
| L21   | 1875  | 18 and (19 20)               | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/15 16:27 |
| L22   | 40383 | (flux).clm.                  | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/15 16:27 |
| L23   | 344   | 21 and 22                    | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/15 16:27 |

## EAST Search History

|     |   |                |  |    |    |                  |
|-----|---|----------------|--|----|----|------------------|
| L24 | 4 | 21 and (16 17) | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:27 |
|-----|---|----------------|--|----|----|------------------|

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Sat, 15 Sep 2007, 4:38:56 PM EST

Edit an existing query or  
compose a new query in the  
Search Query Display.

Select a search number (#)  
to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

#### Recent Search Queries

#1 (( flux extender<in>metadata ) <and> ( inductive write head<in>metadata ) )<and> ( underlap or overlap<in>metadata )

#2 (( inductive head or write head<in>metadata ) <and> ( bottom pole or bottom core or lower pole or lower core<in>metadata ) )<and> ( conform or conforming or conforms or overlap or underlap or overlapping or underlapping<in>metadata )

#3 (( inductive head or write head<in>metadata ) <and> ( bottom pole or bottom core or lower pole or lower core<in>metadata ) )<and> ( conform or conforming or conforms or overlap or underlap or overlapping or underlapping<in>metadata )

#4 (( inductive head or write head<in>metadata ) <and> ( bottom pole or bottom core or lower pole or lower core<in>metadata ) )<and> ( conform or conforming or conforms or overlap or underlap or overlapping or underlapping<in>metadata )

#5 (( inductive head or write head<in>metadata ) <and> ( bottom pole or bottom core or lower pole or lower core<in>metadata ) )<and> ( conform or conforming or conforms or overlap or underlap or overlapping or underlapping<in>metadata )

#6 (( inductive head or write head<in>metadata ) <and> ( bottom pole or bottom core or lower pole or lower core<in>metadata ) )<and> ( conform or conforming or conforms or overlap or underlap or overlapping or underlapping<in>metadata )

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## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L3    | 4312 | (360/125 360/126).ccls.   | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/15 16:10 |
| L4    | 57   | ("4295173" "4819111" "4884157" "4951166" "5276579" "5402295" "5734536" "5872693" "5978187" "6072672" "6707642" "6788496" "6826014" "7102852" "7126788" "7126790" "4190872" "4423451" "4814921" "5059278" "5091266" "5113300" "5184394" "5245493" "5270895" "5373408" "5580602" "5666250" "5726841" "5764454" "5936814" "5949625" "5995343" "6163435" "6166880" "6195229" "6282776" "6329211" "6339523" "6349014" "6466404" "6473265" "6483662" "6483665" "6538844" "6549370" "6583954" "6668442" "6738222" "6738223" "6747850" "6826015" "6854175" "6877213" "6898055" "6947255" "7042677").pn. | US-PGPUB; USPAT                                   | OR               | OFF     | 2007/09/15 16:18 |
| L5    | 4    | (US-7042677-\$ or US-6898055-\$ or US-6738223-\$ or US-5949625-\$).did.   | USPAT   | OR               | OFF     | 2007/09/15 16:23 |
| L6    | 11   | flux adj extender   | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2007/09/15 16:23 |
| L7    | 1387 | flux adj concentrator   | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/15 16:23 |
| L8    | 14   | flux adj extender   | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/15 16:24 |

## EAST Search History

|     |        |                           |  |    |    |                  |
|-----|--------|---------------------------|--|----|----|------------------|
| L9  | 2      | 7 and 8                   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:24 |
| L10 | 15242  | back with side with steps | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:24 |
| L11 | 517655 | overlap underlap          | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:24 |
| L12 | 1968   | 10 and 11                 | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:24 |
| L13 | 3988   | top adj pole              | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:25 |
| L14 | 5704   | pole adj tip              | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:25 |
| L15 | 10     | 12 and (13 14)            | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:26 |
| L16 | 2      | (flux adj extender).clm.  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:27 |

## EAST Search History

|     |       |                              |  |    |    |                  |
|-----|-------|------------------------------|--|----|----|------------------|
| L17 | 311   | (flux adj concentrator).clm. | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:26 |
| L18 | 53848 | (poles).clm.                 | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:26 |
| L19 | 70786 | (overlap underlap).clm.      | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:27 |
| L20 | 90964 | (conform\$5).clm.            | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:27 |
| L21 | 1875  | 18 and (19 20)               | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:27 |
| L22 | 40383 | (flux).clm.                  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:27 |
| L23 | 344   | 21 and 22                    | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:27 |
| L24 | 4     | 21 and (16 17)               | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/15 16:27 |

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|    |         |                         |  |    |    |                  |
|----|---------|-------------------------|--|----|----|------------------|
| S1 | 1403068 | pole core               | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/05 21:55 |
| S2 | 34168   | stitched                | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/05 21:55 |
| S3 | 351591  | flux                    | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/05 21:56 |
| S4 | 506035  | leakage                 | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/05 21:56 |
| S5 | 880491  | excess                  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/05 21:56 |
| S6 | 8569    | S1 same S3 same (S4 S5) | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/05 21:56 |
| S7 | 112271  | trapezoid\$5            | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/05 21:56 |
| S8 | 1054227 | rectang\$5              | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/05 21:56 |

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|     |      |  |  |    |     |                  |
|-----|------|--|--|----|-----|------------------|
| S9  | 305  | S6 and S7 and S8   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/05 22:13 |
| S10 | 4078 | (360/125 360/126).ccls.  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/04/19 16:08 |
| S11 | 45   | (US-20050190493-\$ or<br>US-20040233577-\$ or<br>US-20040090703-\$ or<br>US-20020167759-\$ or<br>US-20060221499-\$ or<br>US-20060203385-\$ or<br>US-20060171072-\$ or<br>US-20060164758-\$ or<br>US-20060158779-\$ or<br>US-20060114608-\$ or<br>US-20060098338-\$ or<br>US-20060087766-\$ or<br>US-20060002021-\$ or<br>US-20050264930-\$ or<br>US-20040257700-\$ or<br>US-20040105189-\$ or<br>US-20030206369-\$ or<br>US-20030128465-\$ or<br>US-20030053251-\$ or<br>US-20030035248-\$ or<br>US-20020071211-\$ or<br>US-20020044381-\$ or<br>US-20020036864-\$).did. or<br>(US-6738223-\$ or US-6010753-\$ or<br>US-7061716-\$ or US-7060207-\$ or<br>US-7042677-\$ or US-7031110-\$ or<br>US-6885519-\$ or US-6801407-\$ or<br>US-6795272-\$ or US-6762910-\$ or<br>US-6742242-\$ or US-6731460-\$ or<br>US-6697220-\$ or US-6683749-\$ or<br>US-6609291-\$ or US-6504678-\$ or<br>US-6452743-\$ or US-6317289-\$ or<br>US-6130805-\$ or US-5949625-\$ or<br>US-5761014-\$).did. or<br>(US-20050190493-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                                   | OR | OFF | 2006/10/06 15:12 |

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|     |      |  |  |    |     |                  |
|-----|------|--|--|----|-----|------------------|
| S12 | 13   | (US-20020167759-\$ or<br>US-20040257700-\$ or<br>US-20040105189-\$ or<br>US-20030206369-\$ or<br>US-20030128465-\$ or<br>US-20030053251-\$ or<br>US-20030035248-\$).did. or<br>(US-7060207-\$ or US-7042677-\$ or<br>US-6683749-\$ or US-6504678-\$ or<br>US-6317289-\$ or US-5949625-\$).<br>did. | US-PGPUB;<br>USPAT   | OR | OFF | 2006/10/06 18:19 |
| S13 | 4    | ("6657816" "6553649" "5995342"<br>"6317289").pn.   | US-PGPUB;<br>USPAT   | OR | OFF | 2006/10/06 18:20 |
| S14 | 4194 | (360/125 360/126).ccls.  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/15 15:38 |